

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system for assisting ~~selection of~~ in selection of a power tool, which is connected to a memory provided in a power tool with a rechargeable battery for storing data concerning a model or specification of the power tool and data concerning a use record therein, reads out the data from the memory, judges whether or not the power tool is suitable for work description for which the power tool is used, ~~or not~~, by using the data read out, and selects and presents the power tool suitable for the work description when the power tool is not suitable for the work description, the system comprising:

a memory unit configured for storing data concerning a plurality of selectable models and specifications of power tools, a plurality of models and specifications of batteries configured for attachment to the power tool and a plurality of models and specifications of battery chargers for charging the battery;

~~a work description estimation unit for estimating a work description by using the data concerning the use record read out from the memory;~~

a power tool suitability ~~judging unit~~ judger configured for judging whether or not the model or specification of the power tool is suitable for the ~~estimated~~ work description ~~or not~~ using the data concerning the use record read out of the memory;

a power tool ~~selection unit~~ selector configured for selecting a model of the power tool with a specification suitable for ~~an estimated work description~~ the work description and a model of the battery and a battery charger suitable for the work description among the models of the power tools and the models of the battery and the battery charger stored in the memory unit when

it is judged that the model or specification of the power tool is not suitable for the ~~estimated~~ work description; and

a ~~display unit for displaying result~~ configured for displaying results of judgment by the power tool suitability ~~judging unit~~ judger and the model of the power tool, the model of the battery pack and the model of the battery charger selected by the power tool ~~selection unit~~ selector.

2. (Currently Amended) The system for assisting ~~selection of~~ in selection of a power tool in accordance with claim 1, wherein the data concerning the use record includes working time during a period from turn-on to turn-off of a switch of the power tool, resting time during a period from a turn-off ~~to next~~ to a next turn-on of the switch, a number of times ~~when the~~ that the switch is turned on, a maximum current value and an average current value of currents flowing to a motor during the working time.

3. (Canceled)

4. (Currently Amended) The system for assisting ~~selection of~~ in selection of a power tool in accordance with ~~claim 3~~ claim 1 further comprising:

a battery lifetime ~~judging unit~~ judger for judging lifetime of the ~~secondary~~ battery when the memory of the power tool further stores record data concerning charge and discharge of the ~~secondary~~ battery therein; and

wherein the ~~display unit~~ display displays remaining lifetime and replacement time of the ~~secondary~~ battery.

5. (Withdrawn) A power tool comprising: a motor for generating driving force; a switch operated by the user; a control unit for controlling on/off of power supply to the motor depending

on turn-on/turn-off of the switch; and a memory connected to the control unit for storing data concerning a use record therein and outputting the stored data to another device.

6. (Withdrawn) The power tool in accordance with claim 5 further comprising a motor current monitor unit for monitoring currents flowing to the motor.

7. (Withdrawn) The power tool in accordance with claim 6, wherein the data concerning the use record includes working time during a period from turn-on to turn-off of the switch, resting time during the period from turn-off to next turn-on of the switch, a number of times when the switch is turned on, a maximum current value and an average current value of currents flowing to a motor during the working time.

8. (Withdrawn) The power tool in accordance with claim 5 further comprising a rechargeable secondary battery as a power source.

9. (Withdrawn) The power tool in accordance with claim 5, wherein the memory is a detachable nonvolatile memory.

10-13. (Canceled)

14. (Currently Amended) A recording medium that records a program for assisting ~~selection of~~ in selection of a power tool which selects and presents a model of a power tool suitable for work description of the user, a model of a battery and a battery charger suitable for the work description by being read and run in a computer ~~therein~~, the program comprising:

~~a step for~~ reading out data concerning a model or specification of the power tool and data concerning a use record from a memory provided in the power tool;

~~a step for estimating a work description by using the data concerning use record read out from the memory;~~

~~a step for judging whether or not~~ the model or specification of the power tool is suitable for the ~~estimated~~ work description ~~or not~~ using the data concerning the use record read out from the memory;

~~a step for selecting a model of the power tool with a specification suitable for an estimated work description among previously stored models of the power tools when it is judged that the model or specification of the power tool is not suitable for the estimated work description~~ selecting a model of the power tool with a specification suitable for the work description and a model of the battery and a battery charger suitable for the work description among the models of the power tools and models of the battery and the battery charger when it is judged that the model or specification of the power tool is not suitable for the work description;
and

~~a step for displaying a result of judgment and the selected model of the power tool,~~ model of the battery and model of the battery charger.

15. (Currently Amended) The recording medium that records a program for assisting ~~selection of~~ in selection of a power tool therein in accordance with claim 14, wherein the data concerning the use record includes working time during a period from turn-on to turn-off of ~~the switch~~ a switch, resting time during a period from turn-off ~~to next~~ to a next turn-on of the switch, a number of times ~~when the~~ that the switch is turned on, a maximum current value and an average current value of currents flowing to a motor during the working time.

16. (Canceled)

17. (Currently Amended) The recording medium that records a program for assisting ~~selection of~~ in selection of a power tool therein in accordance with ~~claim 16~~ claim 14, wherein the program for assisting ~~selection of power tool further comprising a step for~~ in selection of the

power tool further comprises reading out a record data concerning charge and discharge of the ~~secondary battery pack~~ battery from the memory, ~~a step for judging lifetime of the secondary battery and a step for displaying~~ judging a lifetime of the battery and displaying a remaining lifetime or replacement time of the ~~secondary battery pack~~ battery, when the memory of the power tool further stores record data concerning charge/discharge of the ~~secondary~~ battery therein.

18. (New) A computer readable recording medium that stores a program for assisting in selection of a power tool which selects and presents a model of a power tool suitable for work of a user, a model of a battery and a battery charger suitable for the work by being read and run in a computer, the program comprising:

reading out data concerning a model of a power tool actually used to perform work and data concerning a use record of the power tool actually used to perform the work from a memory provided in the power tool;

identifying the model and capabilities of the power tool actually used;

judging a category of a power tool suitable for performing the work using the data concerning the use record read out from the memory;

comparing the category of the power tool suitable for performing the work with the category to which the power tool actually used belongs;

indicating, on a display, that the power tool actually used is not suitable for the work, when the category to which the power tool actually used belongs does not correspond to the category of the power tool suitable for the work;

selecting an optimum model of the power tool suitable for the work;

comparing the model and capabilities of the power tool actually used with those of the selected optimum model of the power tool suitable for the work;

indicating, on the display, that the power tool actually used is suitable for performing the work, when the model and capabilities of the power tool actually used correspond to those of the selected optimum model of the power tool suitable for the work;

calculating electric energy used while performing the work continuously using the data concerning the use records;

selecting a model of a battery that can provide the electric energy necessary to perform the work continuously;

judging a charging performance of the battery charger and selecting a battery charger suitable to the selected battery, when quick charge is required; and

indicating, on the display, the optimum models of the selected power tool, battery and battery charger.

19. (New) The computer readable recording medium that stores a program for assisting in selection of a power tool in accordance with claim 18, further comprising:

displaying a recommendation to replace the power tool actually used with a power tool suitable for the work or suggesting a way of using the power tool actually used so as to be suitable for the work, when the model and capabilities of the power tool actually used do not correspond to the model and capabilities of the selected optimum model of the power tool suitable for the work.